

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP2004/013884

**A. CLASSIFICATION OF SUBJECT MATTER**  
Int.Cl' G06K13/06, G06K17/00, G07D9/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl' G06K13/06, G06K17/00, G07D9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004  
 Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-503774 A (NCR International Inc.), 28 January, 2003 (28.01.03), Full text; all drawings & WO 2001/001337 A1 & US 6460771 B1	1-9
A	JP 2001/22894 A (Sankyo Seiki Mfg. Co., Ltd.), 26 January, 2001 (26.01.01), Full text; all drawings & EP 1067474 A2 & US 6629643 B1	1-9

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  
17 December, 2004 (17.12.04)

Date of mailing of the international search report  
25 January, 2005 (25.01.05)

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Japanese Patent Office

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